

CLAIMS

1. An improvement in a closing arrangement for a can of the type which comprises: a tubular body (10) having a closed lower end (11) and an open upper end (13) provided with a seat (16); and a lid (20) in a single piece of plastic material, comprising a sealing portion (21) to be removably and hermetically seated on the seat (16), and projecting radially outwardly from the latter; and a seal (25) axially breakable in a region of its circumferential extension and which presents a lower skirt (25a) to be tightly seated around the upper end (13) of the tubular body (10), and an upper edge (25b) internally incorporated to the sealing portion (21) by means of breakable radial bridges (26) which are ruptured when submitted to a certain pulling force for separating the seal (25) from the sealing portion (21) upon the first opening of the lid (20), said improvement being characterized in that the upper end (13) of the tubular body (10), around which is seated the lower skirt (25a) of the seal (25), presents a cross section contour that is smaller than the largest cross section contour of the remainder of the tubular body (10), so that the contour of the lid (20) is maintained internal to said largest cross section contour of the tubular body (10), avoiding the mutual contact of the lids (20) of two adjacent cans disposed side by side.
2. The improvement as set forth in claim 1, characterized in that the upper end (13) of the tubular body (10) is defined in an upper portion (10a) of the latter presenting substantially the same cross section contour as the upper end (13) and a height that is larger than the height of the lower skirt (25a) of the seal (25).
3. The improvement as set forth in claim 2,

characterized in that the tubular body (10) comprises a basic portion (10c) defined below the upper portion (10a) and which is inferiorly limited by the lower end (11) of the tubular body (10).

5 4. The improvement as set forth in claim 3, characterized in that the basic portion (10c) of the tubular body (10) presents a cross section contour that is substantially constant and larger than that of the upper portion (10a).

10 5. The improvement as set forth in claim 3, characterized in that the upper portion (10a) of the tubular body (10) is united to the basic portion (10c) of the latter by a transition portion (10b), whose cross section profile is defined by two upwardly
15 converging straight line segments.

6. The improvement as set forth in any one of the previous claims, characterized in that the tubular body (10) further comprises an annular upper wall (15) having an external edge which is double seamed to the
20 upper end (13) of the tubular body (10), and an internal edge defining the seat (16) for the seating of the sealing portion (21) of the lid (20).